

## A RSSI SLOPE CALIBRATION TECHNIQUE

### ABSTRACT OF THE DISCLOSURE

**[0050]** A method of calibrating the slope of a received signal strength indicator circuit is disclosed. An embodiment of the present invention may adjust for manufacturing process, power supply voltage, and ambient temperature variations by periodically calibrating the measurement of receive signal strength in a RF communication device, using the transmitter of the device. Various embodiments of the present invention may use a look-up table to convert unadjusted receive signal strength values to adjusted receive signal strength values, may adjust the operation of the circuitry generating an indication of receive signal strength, and may adjust thresholds in executable code used to manage the operation of the radio frequency communication system.